



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

THE JOURNAL OF GEOLOGY

A Semi-Quarterly Magazine of Geology and
Related Sciences

EDITORS

T. C. CHAMBERLIN, *in General Charge*

R. D. SALISBURY
Geographic Geology

R. A. F. PENROSE, JR.
Economic Geology

J. P. IDDINGS
Petrology

C. R. VAN HISE
Pre-Cambrian Geology

STUART WELLER
Paleontologic Geology

W. H. HOLMES
Anthropic Geology

ASSOCIATE EDITORS

SIR ARCHIBALD GEIKIE
Great Britain

O. A. DERBY
Brazil

H. ROSENBUSCH
Germany

G. K. GILBERT
Washington, D. C.

CHARLES BARROIS
France

H. S. WILLIAMS
Yale University

ALBRECHT PENCK
Austria

JOSEPH LE CONTE
University of California

HANS REUSCH
Norway

C. D. WALCOTT
U. S. Geological Survey

GERARD DE GEER
Sweden

J. C. BRANNER
Stanford University

GEORGE M. DAWSON
Canada

I. C. RUSSELL
University of Michigan

WILLIAM B. CLARK, *Johns Hopkins University*

VOLUME VII

CHICAGO

The University of Chicago Press

1899

PRINTED AT
The University of Chicago Press
CHICAGO